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Dated: 4/22/04 Signature: 
(David J. Powers)

Docket No.: 103695-0002
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Christine M. Rankovic

Application No.: 10/719,577

Confirmation No.:

Filed: November 21, 2003

Art Unit: N/A

For: METHODS AND APPARATUS FOR
MAXIMIZING SPEECH INTELLIGIBILITY
IN QUIET OR NOISY BACKGROUNDS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the publications listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the publications be made of record therein and appear among the "Publications Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given for only non-English language listed items.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this

Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed publications.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 103695-0002. A duplicate copy of this paper is enclosed.

Dated: 4/22/04

Respectfully submitted,

By

David J. Powsner

Registration No.: 31,868

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Application Number	10/719,577-Conf. #3261
Filing Date	November 21, 2003
First Named Inventor	Christine M. Rankovic
Art Unit	N/A
Examiner Name	Not Yet Assigned

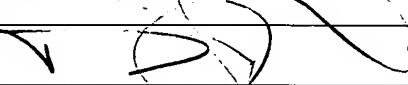
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103695-0002

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APR 26 2004

TRADEMARK

Application No. (if known): 10/719,577

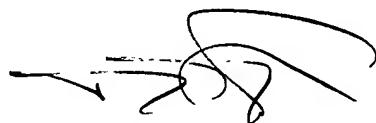
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Substitute for form 1449A/B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/719,577-Conf. #3261
Sheet	1	of	1	Filing Date	November 21, 2003
				First Named Inventor	Christine M. Rankovic
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	103695-0002

U.S. PATENT DOCUMENTS					
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FOREIGN PATENT DOCUMENTS					
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	CA	ANSI S3.5-1997. Methods for calculation of the speech intelligibility index. American Nation Standards Institute, Inc., New York, NY. (34 pages)			
	CB	Fletcher, H. (1954). Hearing aid design for selective fitting. Audecibel 3:6 (November/December), pp.11-13, 15.			
	CC	Fletcher, H. (1952). The perception of speech sounds by deafened persons. Journal of the Acoustical Society of America 24, pp.490-497.			
	CD	Fletcher, H. and Galt, R.H. (1950). The perception of speech and its relation to telephony. Journal of the Acoustical Society of America 22, pp.89-151.			
	CE	Ludvigsen, C. (1985). Relations among some psychoacoustic parameters in normal and cochlearly impaired listeners. Journal of the Acoustical Society of America 78, pp.1271-1280.			
	CF	Moore, B.C.J. and Glasberg, B.R. (1997). A model of loudness perception applied to cochlear hearing loss. Auditory Neuroscience 3, pp.289-311.			
	CG	Rankovic, C.M. (1997). Prediction of speech reception for listeners with sensorineural hearing loss. In W. Jesteadt (ed.) Modeling Sensorineural Hearing Loss, pp.421-431, Lawrence Erlbaum Associates, Mahwah, NJ.			
	CH	Rankovic, C.M., Freyman, R.L., and Zurek, P.M. (1992). Potential benefits of adaptive frequency-gain characteristics for speech reception in noise. Journal of the Acoustical Society of America 91, pp.354-362.			

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